MODEL OR END ITEM	NEXT ASSY	MODULE OR SER NO.	REQD PER MODULE OR END ITEM
PART NO.		GAEC SCH NO.	

MODEL OR END ITEM	NEXT ASSY	MODULE OR SER NO.	REQD PER MODULE OR END ITEM
LEM	LDW300-21800	MSC-LAB (4 SUB) SEE NOTE 4	1 EA
LEM	LDW300-28800	QUAL TEST (70)	2 EA
		DMSM	1
		FC1 (FC)	2
		SCS (70)	2
		LTA-1R (14)	2
		LEM-6 (36)	2
		LEM-5 (35)	2
		LEM-4 (34)	2
		LEM-3 (33)	2
		LEM-2 (32)	2
		LEM 1 (31)	2
	LDW300-28800	LTA-8 (18)	2
	LDW300-21800	FMES	2
		LMS-2	2
		DMSM	1
		LMS-1	2
		CRIT ENVIR. TEST	3
		N.I.T. LAB NOTE 1	2
LEM	LDW300-21800	LTA-1 (11)	2 EA.
PART NO. LDW300-11808-11,-13		GAEC SCH NO. 34	

MODEL OR END ITEM	NEXT ASSY	MODULE OR SER NO.	REQD PER MODULE OR END ITEM
PART NO.		GAEC SCH NO.	

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SH REV STATUS: FOR DESCRIPTION OF REV SEE SUBQ SH										
SHEET	1	1.10	2	3						
REV	C	C	A	C						
SHEET										
REV										
SHEET										
REV										

LAST SECT LTR USED	
LAST DASH NO. USED	-13

GRUMMAN REL INFO

PRIM NO.	LE(003)	
257	MP12B	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCE UNLESS SPECIFIED FRACTIONS - DECIMALS - ANGLES ±1/64 — —

ORIG DWG AUTH
DETAIL SPEC REQUIREMENT
CLASS II ENGRG CHANGE
CLASS I ENGRG CHANGE

CONTRACT NO. NAS 9-1100 LINE ITEM 003 DOCUMENTATION TYPE II

DRAWN BY	L.LAJA 9-20-65	RELIABILITY	
LAYOUT BY	G.KAMMERER		
CHECKED BY	J. OTERO		
GR LEADER	Lorenzo Hendrand		
STRUCTURE	W. Fitz 10/6	PROJ ENGR	
STRUCTURE	Hildenman 10-14	REL GROUP	Bath 10-22-65
WEIGHTS	[illegible] 11-1-65		

GRUMMAN AIRCRAFT ENGRG CORP
BETHPAGE, L. I., NEW YORK

SEAL
GUIDANCE, NAV & CONT-TRANSLATION CONTROLLER-MODE CHANGER HUB

SIZE	CODE IDENT NO.		
B	26512	LDW300-11808	C
SCALE NONE		SHEET 1.00 OF 4	

ENG 77.1 9-64

01 NAS 9-1100

QTY PER ASSEMBLY	CODE IDENT	PART NO.	I&T	NOMENCLATURE OR DESCRIPTION	MATERIAL	GOVT SPEC	COML SPEC	STOCK SIZE	PROCESS SYM	FINISH NO.	ZONE
	20503	LDW300-11808-13	E	SEAL	SEE NOTE #2		AMS 3195	1/8 1¼ x 1¼			
	20503	LDW300-11808-11	E	SEAL	SEE NOTE #2	—	AMS 3195	1/8 x 2 x 2			

SYM OR NO.	PROCESS OR FINISH	GRUMMAN SPEC OR MILITARY SPEC	SYM OR NO.	PROCESS OR FINISH	GRUMMAN SPEC OR MILITARY SPEC	SYM OR NO.	PROCESS OR FINISH	GRUMMAN SPEC OR MILITARY SPEC

I & T: IDENTIFICATION AND TRACEABILITY IN ACCORDANCE WITH : NONE

GRUMMAN AIRCRAFT ENGRG CORP, BETHPAGE, L. I., NEW YORK

SIZE	CODE IDENT NO.		
B	26512	LDW300-11808	A

SCALE NONE SHEET 2

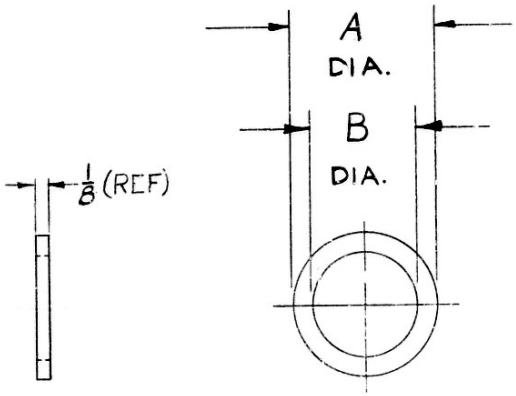
ENG 77.2 7-65

[redacted]

NAS 9-1100

NOTE:

1. DELIVER TO M.I.T, CAMBRIDGE, MASS., AS AUTHORIZED BY CCA 31 (LTR BG54 65-97)
2. BASE STOCK OF SPONGE TO BE DOW CORNING SILASTIC S-6526. SPONGE SHEET MAY BE PURCHASED FROM RONTHER REISS CORP., LITTLE FALLS, N.J. (CODE IDENT. NO. 20503)
3. SLIGHT CONCAVITY OF EDGES PERMISSIBLE.
4. AUTHORIZED BY CCA #237 (LTR BG54-66-287).



	A	B
LDW300-11808-11	$1\frac{3}{8}$	$\frac{31}{32}$
LDW300-11808-13	$\frac{13}{16}$	$\frac{9}{16}$

GRUMMAN AIRCRAFT ENGRG CORP., BETHPAGE, L. I., NEW YORK			
SIZE B	CODE IDENT NO. 26512	LDW300-11808	C
SCALE FULL		SHEET 3	

ENG 72.1 6-64

01 NAS 9-1100

REVISIONS

CHANGE LTR	ITEM NO.	SHEET NO.	ZONE	CHANGE AUTH	GRUMMAN INFO ONLY	DET SPEC	CLASS I	CLASS II	ENGRG ORDER	DESCRIPTION	EFFECTIVITY	DISPOSITION OF EXISTING PARTS: REWORK	DISPOSITION OF EXISTING PARTS: SCR/AP	CHANGED BY AND DATE	ENGRG APPD	QUAL APPD
A	1	1.00								SHT. 1.00 OF 4 WAS 1.00 OF 3, ADDED SHT. 1.10	NOT REQD	NOT	REQD	P.T. 11/5/65	VAO	
	2	1.00 2.00 3.00								ADDED -13	NOTED	NOT	REQD			
B	1	1, 1.10						✓	LEO300-11	IN MOD. BLK. ADDED EFF. FOR QUAL. TEST, DMSM(340), FCI, SCS, LEM-4,-5,-6, & LTA-1R	QUAL TEST, DMSM, FCI, SCS, LTA-1R LEM-4,5,-6	NOT	REQD	R. PRINZIVALLI 5-18-66		
	2	1, 1.10								REF E.O. B1 DMSM (340) EFF SHOULD BE DMSM	DMSM		REQD		VAO	
C	1	1.00, 1.10 3.00							LEO300-15	(R) FOR -11, -13 IN MOD. BLK. ADDED EFF. MSC LAB, SEE NOTE #4	MSC LAB	NOT	REQD	KLUGE 8-9-66		

FOR CONTINUATION OF REVISIONS SEE SHEET

ENG 77.3 5-64

GRUMMAN AIRCRAFT ENGRG CORP, BETHPAGE, L. I., NEW YORK

SIZE	CODE IDENT NO.		
B	26512	LDW300-11808	C
SCALE NONE			SHEET 1.10

GRUMMAN AIRCRAFT ENGINEERING CORP.
CODE IDENT NO. 26512
ENGINEERING ORDER

ENG 32.2 REV 3-65

DWG. NO. LEO 300		EO NO. 15
CONTROL INFO NO. LDW 300-188		

*USE NEXT AVAILABLE NOTE NO.

ADD NOTE* "AUTHORIZED BY CCA# 237 (LTR BG 54-66-287)"

ADD TO MODEL BLOCK, FOR DASH NOS. NOTED, THE EFF. AS SHOWN ON THE FOLLOWING DWGS.

LEM	M.S.C. LAB SEE NOTE *	SUBS	SEE BELOW
MODEL	MODULE		REQD PER END ITEM

PART NO.	DASH NO.	NEXT ASSY	REQD PER END ITEM	CHG. LETTER
LDW300-11805	-11,-17	LDW300-21801	1EA.	A5
"	-19			
-11807	-15	-21809	1	C2
-11807	-17	-21800	1	
-11808	-11,-13	-21800	1EA	C1
-11810	-15,-17,	-21801	1EA	C2
"	-19,-23,	"	"	
"	-25	"	"	
-11816	-1	-21803	2	C1
LDW300-11821	-13	-21808	2	C1
LDW300-11813	-11,-13	-21801	1EA	A1
LDW300M11810	-1	-21803	2	B1
M11811	-1	-21810	2	B1
M11813	-1	-21802	2	B1
M11820	-1	-21801	2	C1
M11829	-1	-21802	2	C1
M11834	-1	-21802	4	C1
"	-1	-21803	8	
M11837	-1	-21808	2	C1
"	-1	-21808	4	
M11840	-3	-21803	2	C1
M11841	-1	-21803	2	C1
M11843	-1	-21803	2	C1
LDW300M11845	-1	LDW300-21803	2	B1
LDW300M11814	-3	LDW300-21806	2	A3
LDW300M11886	-1	LDW300-21807	1	B2
"	-1	-21806	6	
"	-3	-21806	1	
"	-5	-21806	1	

PART NO.	DASH NO.	NEXT ASSY.	REQD PER END ITEM	CHG. LETTER
LDW300M11846	-1	LDW300-21803	4	C1
M11858	-1	-21809	2	B1
M11876	-1,-5	-21800	1EA	C1
M11882	-1	-21806	4	C1
M11882	-3	-21807	1	
M11894	-3	-21801	2	C1
LDW300M11898	-1	-21806	3	C1
LDW300P11806	-1	-21804	2	C1
P11807	-1	-21806	1	C1
P11807	-3	-21800	1	
P11807	-5	-21806	2	
P11810	-1	-21802	2	C1
P11811	-1	-21802	2	B2
P11812	-3	-21806	1	C1
P11812	-5	-21806	2	
P11814	-1	-21803	2	B2
LDW300P11818	-3	-21801	2	C1
LDW300P11813	-1	-28805	1	A1
LDW300-21808	-5	-21802	1	B3
LDW300-21808	-7	-21803	2	
LDW300-11823	-11,-13	LDW300-21801	1EA	B3

▲ USE APPLICABLE DASH NO IN DESCRIPTION OF E.O.

DETAIL SPEC REQ	CL II ENGRG CHG	CL I ENGRG CHG

REASON FOR EO: UPDATE EFFECTIVITY PER CCA# 237 (LTR BG 54-66-287)

FOR - ▲ DESCRIPTION OF EO: IN MOD. BLK. ADDED EFF. M.S.C. LAB, SEE NOTE *

GAEC EO RELEASE

MODEL	EFFECTIVITY: PROCURING ACTIVITY NO.	GAEC UNIT NO.	SUB CONTR UNIT NO.
LEM	NOTED	ABOVE	

DRAWING CHANGE REQD: REVISE DWG	RECORD EC	DISPOSITION OF PARTS: REWORK	SCRAP
		NOT	REQD

APPROVED BY: JAO — DATE: 6-30-66

SUPPORT	RELIAB. GROUP	GROUP LEADER	STRESS GROUP	LIAISON ENGRG	PROJ ENGRG	GOVT
		6/30/66	6 30		7-5-66	7-1-66

PRIORITY	DRAWING TITLE	DRAWING NO.	EO NO.
C	NOTED	LEO 300	15

ISSUED BY FRANK PEPE x1672 6/28/66 SECTION GN&C GROUP NO. 300 PL. 35

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NAS 9-1100

GRUMMAN AIRCRAFT ENGINEERING CORP.
CODE IDENT NO. 26512
ENG 32.2 REV 7-65
ENGINEERING ORDER

DWG. NO. LEO 300 | EO NO. 20
CONTROL INFO NO. LEM 300-225

ADD TO MODEL BLOCK, FOR DASH NOS. NOTED, THE EFFECTIVITY AS SHOWN ON THE FOLLOWING DWG's.

MODEL OR END ITEM	MODULE OR END ITEM	QUAN. REQ'D.
LEM	LEM-15(45)	SEE TABLE
↓	-14(44)	↓
	-13(43)	
	-12(42)	
	-11(41)	
	-10(40)	
	-9(39)	
↓	-8(38)	↓
LEM	LEM-7(37)	SEE TABLE

▲

PART NO.	DASH NO.	NEXT ASSY.	QUAN. REQ'D.	CHG. NO.
LDW300-11805	-11,-17	LDW300-28801	2EA.	
↓ -11805	-19	↓ -28801	2	B1
-11807	-15	-21809	2	
-11807	-19	-28800	2	D1
-11808	-11,-13	-28800	2EA.	D1
-11810	-15,-17	-28801	2EA.	C3
-11821	-13	-21808	4	C3
↓ -11826	-11,-13	↓ -28801	2EA.	B1
LDW300-11833	-1	LDW300-28803	4	A2

▲

PART NO.	DASH NO.	NEXT ASSY	QUAN. REQ'D	CHG. NO.
LDW300M11804	-1	LDW300-28810	8	
↓ M11804	-3	↓ -28811	2	B1
M11807	-1	-28806	14	
M11807	-1	-28807	2	A3
M11808	-1,-3	-28806	2EA.	A2
M11810	-1	-28803	4	D2
M11811	-1	-28800	4	D2
M11813	-1	-28802	4	D2
M11814	-1	-28802	2	B1
M11814	-3	-28806	4	
M11815	-5	-28810	4	B1
M11820	-1	-28801	4	D1
↓ M11823	-1	↓ -28806	4	B2
LDW300M11829	-1	LDW300-28802	4	C2

▲- USE APPLICABLE DASH NO. IN DESCRIPTION OF E.O.

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DETAIL SPEC REQ | CL II ENGRG CHG | CL I ENGRG CHG

REASON FOR EO: UPDATE EFFECTIVITY

DESCRIPTION OF EO: FOR-▲ IN MOD. BLK. ADDED EFF. LEM-7(37) THRU LEM-15(45).

GAEC EO RELEASE: C | FRB 8/16

MODEL	EFFECTIVITY: PROCURING ACTIVITY NO.	GAEC UNIT NO.	SUB CONTR UNIT NO.
LEM	NOTED	ABOVE	

DRAWING CHANGE REQD: REVISE DWG ✓ | RECORD EO
DISPOSITION OF PARTS: REWORK | SCRAP — NOT REQD
APPROVED BY / DATE: LAO 8-17-66 | 8/12/66 | 9/15 | 8-17 | 8-18-66
GROUP LEADER | STRESS GROUP | LIAISON ENGRG | PROJ ENGRG

PRIORITY: C
DRAWING TITLE: SEE DWG
DRAWING NO.: LEO 300
EO NO.: 20

ISSUED BY FRANK PEPE x1671 8/12/66 SECTION GN&C GROUP NO. 300 PL. 35

NAS 9-1100
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